CLAIMS

The current claim set of the application is presented below. Indications as to the status of the claims ("original", "currently amended", "cancelled", "new", etc.) appear in parentheses after the claim number. Deletions are identified in bold with double brackets and strikethrough (e.g. **[[~~deletion~~]]**) and new text is identified in bold with underlining (e.g. **new language**).

1-7 (Canceled)

8. (Previously Presented) A radiation curable, ink jettable fluid composition, comprising:

(a) an oligo/resin component; and

(b) a radiation curable reactive diluent, wherein the reactive diluent comprises

a high Tg component,

0.1 to 50 weight percent of an adhesion promoting component, wherein the adhesion promoting component comprises at least one of a heterocyclic radiation curable monomer and/or a monomer having a pendant alkoxylated moiety, and

at least one multifunctional monomer having a plurality of radiation curable moieties,

wherein the reactive diluent is free of monomers having three radiation curable moieties, is free of alkoxylated radiation curable monomers comprising main-chain alkoxylated functionality, and comprises 0.5 to 25 weight percent of multifunctional radiation curable materials,

wherein the composition has an elongation of at least 50% in a cured state.

9. (Original) The radiation curable, ink jettable composition of claim 8, wherein the adhesion promoting component comprises a heterocyclic radiation curable monomer.

10. (Original) The radiation curable, ink jettable composition of claim 8, wherein the adhesion promoting component comprises a radiation curable monomer comprising a pendant alkoxylated moiety.

11. (Original) The ink composition of claim 8, wherein the oligo/resin component is aliphatic.

12. (Original) The ink composition of claim 8, wherein the oligo/resin component comprises an oligo/resin selected from the group consisting of an aliphatic polyester oligo/resin, an aliphatic polyurethane oligo/resin, and an aliphatic acrylic oligo/resin.

13. (Original) The ink jettable fluid composition of claim 8, wherein the composition is substantially free of solvent.

14. (Currently Amended) The ink jettable fluid composition of claim 8, wherein the reactive diluent comprises 0.5 to 50 weight percent of the high Tg component[[~~, 0.5 to 70 weight percent of the adhesion promoting component, and 0.5 to 50 weight percent of the one multifunctional monomer having a plurality of radiation curable moieties~~]].

15. (Original) The ink jettable fluid composition of claim 14, wherein the high Tg component comprises a monomer, said monomer comprising at least one radiation curable moiety and at least one nonaromatic, cyclic moiety.

16. (Original) The ink jettable composition of claim 14, wherein the high Tg component comprises isobornyl (meth)acrylate.

17. (Original) The ink jettable composition of claim 8, wherein the multifunctional monomer comprises hexanediol di(meth)acrylate.

18. (Original) The ink jettable composition of claim 14, wherein the adhesion promoting component comprises a monomer having an adhesion score after curing of at least 50 according to ASTM D 3359-95A, Method B on at least one substrate chosen from the group consisting of polymethyl methacrylate, polyvinyl chloride, and polyethylene terephthalate.

19. (Original) The ink jettable composition of claim 14, wherein the adhesion promoting component comprises a monomer, said monomer comprising at least one radiation curable moiety and pendant alkoxylated functionality.

20. (Original) The ink jettable composition of claim 14 wherein the adhesion promoting component comprises 2-(2-ethoxyethoxy)ethyl (meth)acrylate.

21. (Original) The ink jettable composition of claim 14, wherein the adhesion promoting component comprises a monomer, said monomer comprising at least one radiation curable moiety and at lease one heterocyclic moiety.

22. (Original) The ink jettable composition of claim 21, wherein said monomer is tetrahydrofurfuryl (meth)acrylate.

23. (Original) The composition of claim 14, wherein the adhesion promoting component comprises N-vinylcaprolactam.

24. (Original) The composition of claim 14, wherein the adhesion promoting component comprises propoxyethyl (meth)acrylate.

25. (Cancelled)

26. (Previously Presented) The ink jettable composition of claim 8, wherein the adhesion promoting component comprises 1 to 10 parts by weight of a first monomer comprising at least one radiation curable moiety and pendant alkoxylated functionality per 5 to 15 parts by weight of a second monomer comprising at least one radiation curable moiety and at least one heterocyclic moiety.

27. (Previously Presented) The ink jettable composition of claim 26, wherein the first monomer is 2-(2-ethoxyethoxy)ethyl (meth)acrylate and the second monomer is tetrahydrofurfuryl (meth)acrylate.

28-63 (Canceled)

64. (Previously Presented) A radiation curable, ink jettable fluid composition, comprising:

(a) an oligo/resin component; and

(b) a radiation curable reactive diluent, wherein the reactive diluent comprises a high Tg component, an adhesion promoting component, and at least one multifunctional monomer having a plurality of radiation curable moieties, wherein the adhesion promoting component comprises at least one of a heterocyclic radiation curable

monomer, and/or a monomer comprising a pendant alkoxylated moiety, and wherein the fluid composition has a viscosity of up to about 50 centipoise at 25°C, is free of trifunctional monomers having a plurality of radiation curable moieties and is free of alkoxylated radiation curable monomers comprising main-chain alkoxylated functionality,

wherein the reactive diluent comprises 0.5 to 25 weight percent of multifunctional radiation curable materials, and

wherein the composition has an elongation of at least 50% in a cured state.

65. (Cancelled)

66. (Cancelled).

67. (Cancelled)

68. (Previously Presented) The ink jettable fluid composition of claim 8, wherein the reactive diluent comprises isobornyl (meth)acrylate, tetrahydrofurfuryl (meth)acrylate, and hexanediol di(meth)acrylate.

69. (Previously Presented) The ink jettable fluid composition of claim 8, wherein the reactive diluent comprises 30-50 wt% isobornyl (meth)acrylate, 30-50 Wt% tetrahydrofurfuryl (meth)acrylate, and 5-15 wt% hexanediol di(meth)acrylate.

70. (Previously Presented) A radiation curable, ink jettable fluid composition, comprising:

(a) an oligo/resin component; and

(b) a radiation curable reactive diluent, wherein the reactive diluent comprises:

isobornyl (meth)acrylate;

tetrabydrofurfuryl (meth)acrylate, and

0.5 to 25 weight percent of hexanediol di(meth)acrylate;

wherein the reactive diluent is free of an alkoxylated, radiation curable monomer comprising main-chain alkoxylated functionality and is free of monomers having three radiation curable moieties; and

wherein the fluid composition has an elongation of at least 50% in a cured state.

71. (Previously Presented) The ink jettable fluid composition of claim 70, wherein the reactive diluent comprises 30-50 wt% isobornyl (meth)acrylate, 30-50 wt% tetrahydrofurfuryl(meth)acrylate, and 5-15 wt% hexanediol di(meth)acrylate.

72. (Cancelled)

73. (Cancelled)

74. (Cancelled)

75. (Cancelled)

76. (Previously Presented) The ink jettable fluid composition of claim 8, wherein the oligo/resin component is an aliphatic urethane diacrylate.

77. (Previously Presented) The ink jettable fluid composition of claim 70, wherein the oligo/resin component is an aliphatic urethane diacrylate.

78. (Currently Amended) The ink jettable fluid composition of claim 8, wherein the reactive diluent comprises 0.5 to 30 weight percent of the **[[~~component is~~]]** high Tg component.